

Manhole Inspection Summary

Manhole # S05Q__003MH

Printed On: 6/24/2010

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Inspection ☐ Is Incomplete Rating: **3) Fair**

Record Plat: **05Q** Node: **003** Status: **Found**

Insp Date: **5/21/08 9:30 AM**

Incomplete Comments

Crew: **RL, SD**
Inspector: **Lamont**
Firm: **URS**

Location Address: **COLLINS AVE**

Cross Street: **POTTER ST**

Manhole Type: **Inline** Location: **Easement / Right of Way**

Ground Conditions: **Dry**

☒ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments

Cover Shape: **Circular** Diameter: **32** (in.) Length: (in.) Dist A/B Grade: **3** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

Frame Offset: **0** (in.) Condition: ☒ Sound ☐ Cracked ☐ Leaks

Chimney / Frame Adjustment ☐ Exists Material: ☐ Parged Height: (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Corbel Material: **Brick** ☒ Parged Type: **Concentric/Eccentric**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Barrel Material: **Brick** ☒ Parged

Shape: **Circular** Diameter: **48** (in.) Length: (in.)

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Bench ☒ Exists Material: **Brick** ☒ Parged

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☒ **Deteriorated** ☒ **Leaks** ☐ Debris

Channel Material: **Brick** ☐ Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Steps Count: **3** Missing: **0** ☐ Corroded

Surcharge ☒ **Evidence Of Surcharge** Depth: **2** (ft.) ☐ Active Surcharge Present

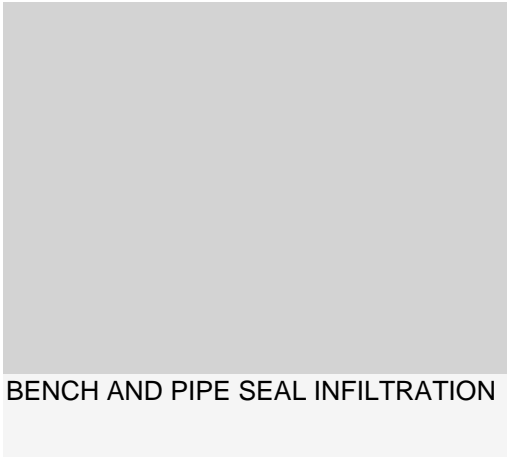
Location View



Top View



Defect 3



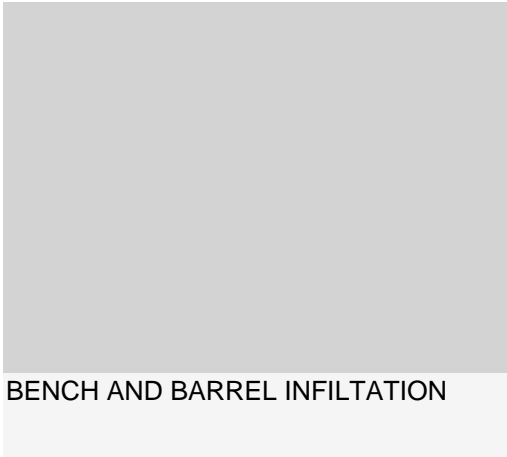
BENCH AND PIPE SEAL INFILTRATION

Defect 1



BENCH INFILTRATION AND
DETERIORATION

Defect 2



BENCH AND BARREL INFILTATION

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24 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



PIPE SEAL INFILTRATION AND
SURCHARGE EVIDENCE OVER PIPE

Pipe Height: **24** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☒ Pipe Lined

Invert Depth: **9.60** (ft.) Flow Characteristics: **Fast**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **Evidence** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

24 in. Circular Gravity Sewer
Pipe In @ 6 O'Clock

6 O'Clock Inflow



PIPE SEAL INFILTRATION

Pipe Height: **24** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☒ Pipe Lined

Invert Depth: **9.40** (ft.) Flow Characteristics: **Fast**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **Evidence** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection